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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2009; month=5; day=7; hr=15; min=55; sec=56; ms=275;]

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Application No: 10573936 Version No: 2.0

Input Set:

Output Set:

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Finished: 2009-04-23 14:31:03.391
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 672 ms
Total Warnings: 12
Total Errors: 0
No. of SeqIDs Defined: 49
Actual SeqID Count: 49

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SEQUENCE LISTING

<110> FITZGERALD, STEPHEN NOEL
 FAGAN, RICHARD JOSEPH
 POWER, CHRISTINE
 YORKE, MELANIE
 BIENKOWSKA, JADWIGA

<120> ISOLATED INSP163 PROTEIN

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<140> 10573936

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<151> 2003-10-27

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 35 40 45
 Ser Asp Ala His Met Thr Trp Leu Asn Phe Val Arg Arg Pro Asp Asp
 50 55 60
 Gly Ala Leu Arg Lys Arg Cys Gly Ser Arg Asp Lys Lys Pro Arg Asp
 65 70 75 80
 Leu Phe Gly Pro Pro Gly Pro Pro Gly Ala Glu Val Thr Ala Glu Thr
 85 90 95
 Leu Leu His Glu Phe Gln Glu Leu Leu Lys Glu Ala Thr Glu Arg Arg
 100 105 110
 Phe Ser Gly Leu Leu Asp Pro Leu Leu Pro Gln Gly Ala Gly Leu Arg
 115 120 125
 Leu Val Gly Glu Ala Phe His Cys Arg Leu Gln Gly Pro Arg Arg Val
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 Gln Gly Ala Phe Leu Arg Gly Ser Gly Leu Ser Leu Ala Ser Gly Arg
 165 170 175
 Phe Thr Ala Pro Val Ser Gly Ile Phe Gln Phe Ser Ala Ser Leu His
 180 185 190
 Val Asp His Ser Glu Leu Gln Gly Lys Ala Arg Leu Arg Ala Arg Asp
 195 200 205
 Val Val Cys Val Leu Ile Cys Ile Glu Ser Leu Cys Gln Arg His Thr
 210 215 220
 Cys Leu Glu Ala Val Ser Gly Leu Glu Ser Asn Ser Arg Val Phe Thr
 225 230 235 240
 Leu Gln Val Gln Gly Leu Leu Gln Leu Gln Ala Gly Gln Tyr Ala Ser
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<212> DNA

<213> Homo sapiens

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Ala Glu Thr Leu Leu His Glu Phe Gln Glu Leu Leu Lys Glu Ala Thr
35 40 45

Glu Arg Arg Phe Ser Gly Leu Leu Asp Pro Leu Leu Pro Gln Gly Ala
50 55 60

Gly Leu Arg Leu Val Gly Glu Ala Phe His Cys Arg Leu Gln Gly Pro
65 70 75 80

Arg Arg Val Asp Lys Arg Thr Leu Val Glu Leu His Gly Phe Gln Ala
85 90 95

Pro Ala Ala Gln Gly Ala Phe Leu Arg Gly Ser Gly Leu Ser Leu Ala
100 105 110

Ser Gly Arg Phe Thr Ala Pro Val Ser Gly Ile Phe Gln Phe Ser Ala
115 120 125

Ser Leu His Val Asp His Ser Glu Leu Gln Gly Lys Ala Arg Leu Arg
130 135 140

Ala Arg Asp Val Val Cys Val Leu Ile Cys Ile Glu Ser Leu Cys Gln
145 150 155 160

Arg His Thr Cys Leu Glu Ala Val Ser Gly Leu Glu Ser Asn Ser Arg
165 170 175

Val Phe Thr Leu Gln Val Gln Gly Leu Leu Gln Leu Gln Ala Gly Gln
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Tyr Ala Ser Val Phe Val Asp Asn Gly Ser Gly Ala Val Leu Thr Ile
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Gln Ala Gly Ser Ser Phe Ser Gly Leu Leu Leu Gly Thr
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 <211> 214
 <212> PRT
 <213> Homo sapiens

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 Pro Gly Pro Pro Gly Ala Glu Val Thr Ala Glu Thr Leu Leu His Glu
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 Phe Gln Glu Leu Leu Lys Glu Ala Thr Glu Arg Arg Phe Ser Gly Leu
 35 40 45
 Leu Asp Pro Leu Leu Pro Gln Gly Ala Gly Leu Arg Leu Val Gly Glu
 50 55 60
 Ala Phe His Cys Arg Leu Gln Gly Pro Arg Arg Val Asp Lys Arg Thr
 65 70 75 80
 Leu Val Glu Leu His Gly Phe Gln Ala Pro Ala Ala Gln Gly Ala Phe
 85 90 95
 Leu Arg Gly Ser Gly Leu Ser Leu Ala Ser Gly Arg Phe Thr Ala Pro
 100 105 110
 Val Ser Gly Ile Phe Gln Phe Ser Ala Ser Leu His Val Asp His Ser
 115 120 125
 Glu Leu Gln Gly Lys Ala Arg Leu Arg Ala Arg Asp Val Val Cys Val
 130 135 140
 Leu Ile Cys Ile Glu Ser Leu Cys Gln Arg His Thr Cys Leu Glu Ala
 145 150 155 160
 Val Ser Gly Leu Glu Ser Asn Ser Arg Val Phe Thr Leu Gln Val Gln
 165 170 175

Gly Leu Leu Gln Leu Gln Ala Gly Gln Tyr Ala Ser Val Phe Val Asp
180 185 190

Asn Gly Ser Gly Ala Val Leu Thr Ile Gln Ala Gly Ser Ser Phe Ser
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Gly Leu Leu Leu Gly Thr
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<210> 7
<211> 636
<212> DNA
<213> Homo sapiens

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<212> PRT
<213> Homo sapiens

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Glu Leu Leu Lys Glu Ala Thr Glu Arg Arg Phe Ser Gly Leu Leu Asp
35 40 45

Pro Leu Leu Pro Gln Gly Ala Gly Leu Arg Leu Val Gly Glu Ala Phe
50 55 60

His Cys Arg Leu Gln Gly Pro Arg Arg Val Asp Lys Arg Thr Leu Val
65 70 75 80

Glu Leu His Gly Phe Gln Ala Pro Ala Ala Gln Gly Ala Phe Leu Arg
85 90 95

Gly Ser Gly Leu Ser Leu Ala Ser Gly Arg Phe Thr Ala Pro Val Ser
100 105 110

Gly Ile Phe Gln Phe Ser Ala Ser Leu His Val Asp His Ser Glu Leu
115 120 125

Gln Gly Lys Ala Arg Leu Arg Ala Arg Asp Val Val Cys Val Leu Ile
130 135 140

Cys Ile Glu Ser Leu Cys Gln Arg His Thr Cys Leu Glu Ala Val Ser
145 150 155 160

Gly Leu Glu Ser Asn Ser Arg Val Phe Thr Leu Gln Val Gln Gly Leu
165 170 175

Leu Gln Leu Gln Ala Gly Gln Tyr Ala Ser Val Phe Val Asp Asn Gly
180 185 190

Ser Gly Ala Val Leu Thr Ile Gln Ala Gly Ser Ser Phe Ser Gly Leu
195 200 205

Leu Leu Gly Thr
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<210> 9
<211> 510
<212> DNA
<213> Homo sapiens

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<211> 170
<212> PRT
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20 25 30

Asp Lys Arg Thr Leu Val Glu Leu His Gly Phe Gln Ala Pro Ala Ala
35 40 45

Gln Gly Ala Phe Leu Arg Gly Ser Gly Leu Ser Leu Ala Ser Gly Arg
50 55 60

Phe Thr Ala Pro Val Ser Gly Ile Phe Gln Phe Ser Ala Ser Leu His
65 70 75 80

Val Asp His Ser Glu Leu Gln Gly Lys Ala Arg Leu Arg Ala Arg Asp

				85					90					95			
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			100					105					110				
Cys	Leu	Glu	Ala	Val	Ser	Gly	Leu	Glu	Ser	Asn	Ser	Arg	Val	Phe	Thr		
		115					120					125					
Leu	Gln	Val	Gln	Gly	Leu	Leu	Gln	Leu	Gln	Ala	Gly	Gln	Tyr	Ala	Ser		
	130					135					140						
Val	Phe	Val	Asp	Asn	Gly	Ser	Gly	Ala	Val	Leu	Thr	Ile	Gln	Ala	Gly		
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<212>	DNA
<213>	Homo sapiens

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caggggctgc	tgcagctgca	ggctggacag	tacgttctg	tgtttgtgga	caatggctcc		360
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Arg Phe Thr Ala Pro Val Ser Gly Ile Phe Gln Phe Ser Ala Ser Leu
      35              40              45

His Val Asp His Ser Glu Leu Gln Gly Lys Ala Arg Leu Arg Ala Arg
      50              55              60

Asp Val Val Cys Val Leu Ile Cys Ile Glu Ser Leu Cys Gln Arg His
65              70              75              80

Thr Cys Leu Glu Ala Val Ser Gly Leu Glu Ser Asn Ser Arg Val Phe
      85              90              95

Thr Leu Gln Val Gln Gly Leu Leu Gln Leu Gln Ala Gly Gln Tyr Ala
      100              105              110

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Gly Ser Ser Phe Ser Gly Leu Leu Leu Gly Thr
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<212> DNA
<213> Homo sapiens

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gacgtggtgt gtgtttctcat ctgtattgag tccctgtgcc agcgccacac gtgcctggag 240
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<212> PRT
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20 25 30

Pro Val Ser Gly Ile Phe Gln Phe Ser Ala Ser Leu His Val Asp His
35 40 45

Ser Glu Leu Gln Gly Lys Ala Arg Leu Arg Ala Arg Asp Val Val Cys
50 55 60

Val Leu Ile Cys Ile Glu Ser Leu Cys Gln Arg His Thr Cys Leu Glu
65 70 75 80

Ala Val Ser Gly Leu Glu Ser Asn Ser Arg Val Phe Thr Leu Gln Val